

WHAT IS CLAIMED IS:

1. A shift lever assembly comprising:
  - a shift lever having a fulcrum;
  - a shift lever arm coupled to the shift lever, the
  - 5 shift lever arm having a first cable attachment site disposed at a first radial distance from the fulcrum;
  - a short throw assembly attached to one of the shift lever and the shift lever arm, the short throw assembly having a second cable attachment site disposed at a second radial
  - 10 distance from the fulcrum, wherein the second radial distance is greater than the first radial distance, and wherein the short throw assembly has an inner surface that is complementary with an outer surface of the shift lever arm.
2. The shift lever assembly of claim 1, wherein short
- 15 throw assembly locks against the shift lever.
3. The shift lever assembly of claim 1, wherein short throw assembly locks against the first cable attachment site.
4. The shift lever assembly of claim 1, wherein short throw assembly locks against both the shift lever and the
- 20 first cable attachment site.
5. The shift lever assembly of claim 1, wherein the short throw assembly comprises a first portion and a second portion, wherein the first portion is secured to the second portion by at least one fastener.

6. The shift lever assembly of claim 5, wherein the first and second portions combine to form a first opening that receives the shift lever.

7. The shift lever assembly of claim 5, wherein the first and second portions combine to form a second opening that receives the first cable attachment site.

8. The shift lever assembly of claim 5, wherein the first and second portions combine to form a first opening that receives the shift lever and a second opening that receives the first cable attachment site.

9. The shift lever assembly of claim 1, wherein the second radial distance is in the range of approximately 0.1 inch to approximately 1.0 inch greater than the first radial distance.

10. The shift lever assembly of claim 1, wherein the second radial distance is in the range of approximately 0.5 inch to approximately 1.0 inch greater than the first radial distance.

11. The shift lever assembly of claim 1, wherein the second cable attachment site is a ball stud.

12. The shift lever assembly of claim 11, wherein the ball stud comprises a ball and a shaft, and wherein the ball has a larger diameter than the shaft.

13. The shift lever assembly of claim 12, wherein the ball stud further comprises a shoulder attached to the shaft and spaced apart from the ball to allow a cable to be attached between the ball and the shoulder.

5        14. The shift lever assembly of claim 13, wherein the shaft of the ball stud includes threads that threadably engage threads in the short throw assembly.

15       15. The shift lever assembly of claim 1, further comprising a ball joint attached to the shift lever, wherein  
10       the fulcrum of the shift lever is disposed in the ball joint.

16. A shift lever assembly comprising:

        a shift lever having a fulcrum;

        a shift lever arm attached to the shift lever, the shift lever arm having a first cable attachment site disposed  
15       at a first radial distance from the fulcrum;

        a short throw assembly coupled to one of the shift lever and the shift lever arm, the short throw assembly having a second cable attachment site disposed at a second radial distance from the fulcrum, wherein the second radial distance  
20       is greater than the first radial distance, and wherein the short throw assembly straddles one of the shift lever and the first cable attachment site.

17. The shift lever assembly of claim 16, wherein the short throw assembly comprises clamping means for engaging one  
25       of the shift lever and the first cable attachment.

18. The shift lever assembly of claim 16, wherein the short throw assembly comprises a first portion and a second portion, wherein the first portion is secured to the second portion by at least one fastener, such that the first and  
5 second portions straddle one of the shift lever and the first cable attachment site therebetween.

19. The shift lever assembly of claim 18, wherein the first and second portions combine to form a first opening that receives the shift lever.

10 20. The shift lever assembly of claim 18, wherein the first and second portions combine to form a second opening that receives the first cable attachment site.

21. The shift lever assembly of claim 18, wherein the first and second portions combine to form a first opening that  
15 receives the shift lever and a second opening that receives the first cable attachment site.

22. The shift lever assembly of claim 16, wherein the short throw assembly has an inner surface that is complementary with an outer surface of the shift lever arm.

20 23. A short throw assembly for reducing the throw on a 2002 Honda Civic shift lever assembly, wherein the 2002 Honda Civic shift lever assembly comprises a shift lever having a fulcrum and a shift lever arm attached to the shift lever, wherein the shift lever arm has a first cable attachment site  
25 disposed at a first radial distance from the fulcrum, the short throw assembly comprising:

a second cable attachment site disposed at a second radial distance from the fulcrum, wherein the second radial distance is greater than the first radial distance and wherein the short throw assembly has an inner surface that is  
5 complementary with an outer surface of the shift lever arm.

24. A short throw assembly for reducing the throw on a 2002 Honda Civic shift lever assembly, wherein the 2002 Honda Civic shift lever assembly comprises a shift lever having a fulcrum and a shift lever arm attached to the shift lever,  
10 wherein the shift lever arm has a first cable attachment site disposed at a first radial distance from the fulcrum, the short throw assembly comprising:

a second cable attachment site disposed at a second radial distance from the fulcrum, wherein the second radial  
15 distance is greater than the first radial distance and wherein the short throw assembly straddles one of the shift lever and the first cable attachment site.

25. The shift lever assembly of claim 24, wherein the short throw assembly comprises clamping means for engaging one  
20 of the shift lever and the first cable attachment.

26. The shift lever assembly of claim 24, wherein the short throw assembly comprises a first portion and a second portion, wherein the first portion is secured to the second portion by at least one fastener, such that the first and  
25 second portions straddle one of the shift lever and the first cable attachment site therebetween.

27. The shift lever assembly of claim 26, wherein the first and second portions combine to form a first opening that receives the shift lever.

28. The shift lever assembly of claim 26, wherein the  
5 first and second portions combine to form a second opening that receives the first cable attachment site.

29. The shift lever assembly of claim 26, wherein the first and second portions combine to form a first opening that receives the shift lever and a second opening that receives  
10 the first cable attachment site.

30. The shift lever assembly of claim 24, wherein the short throw assembly has an inner surface that is complementary with an outer surface of the shift lever arm.